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JANUARY 1979

# VETERINARY BIOLOGICAL PRODUCTS:

## ■ Licensees

U.S. DEPT. OF AGRICULTURE  
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JAN 31 1979

Prepared by Veterinary Services  
Animal and Plant Health Inspection Service  
UNITED STATES DEPARTMENT OF AGRICULTURE  
Hyattsville, Maryland 20782

## INTRODUCTION

This publication contains lists of licensed establishments and licensees with their subsidiaries and divisions as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by license number identifies each licensee, subsidiary, and division authorized to do business in the establishment.

Under the listing of licensed biological products, the principal part of the true names are underlined. Various forms of the product are indicated by modifying phrases, and each form is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The numbering system used for product codes provides for a number to be assigned to each product; i.e., first digit denotes product type; second and third - grouping by agents; fourth - state of product; fifth - menstrum; and sixth - miscellaneous variables.

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# ALPHABETICAL LISTING

## LICENSEES - SUBSIDIARIES - DIVISIONS

	LICENSE NUMBER
ABBOTT LABORATORIES	243, 243A
ACME LABORATORIES, INC.	266
AG-VET BIO'S, INC.	124
AGRI BIO CORP.	269
AGRI-MART DIVISION	272
ALCON LABORATORIES, INC.	259
AMATEX LABORATORIES, INC.	227
AMERICAN HOME PRODUCTS CORPORATION	112, 112A, 112B
AMERICAN SCIENTIFIC LABORATORIES	165
AMERICANA LABORATORIES, INC.	188
ANCHOR LABORATORIES, INC.	124
APEX LABORATORIES, INC.	124
BANDY LABORATORIES	227
BAYVET	52
BEECHAM LABORATORIES	225
BEECHAM, INC.	225
BI VET LABORATORIES, INC.	227
BIO VAC., INC.	124
BIO-CEUTIC LABORATORIES, INC.	124
BIOLOGICAL SPECIALTIES	245, 245A
BIOLOGICS CORPORATION	272
BIOLOGICS PRODUCTION, INC.	240
BRADLEY PRODUCTS COMPANY	251



	LICENSE NUMBER
BURNS-BIOTEC LABORATORIES	251
BURROUGHS WELLCOME CO.	115
CENTER LABORATORIES, INC.	259
CHROMALLOY ANIMAL HEALTH	251
CHROMALLOY PHARMACEUTICAL, INC.	251
COLORADO SERUM COMPANY	188
CONTINENTAL PHARMACAL COMPANY	188
CUSTOM BIOLOGICS, INC.	272
CUTTER LABORATORIES, INC.	52
DAMON CORPORATION	196
DEKALB AG RESEARCH, INC.	271
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES, INC.	188
DIAMOND LABORATORIES, INC.	213
DOMELABORATORIES	270
DOUGLAS INDUSTRIES, INC.	266
DOUGLAS LABORATORIES, INC.	266
DOUGLAS VETERINARY PRODUCTS, INC.	266
DURVET LABORATORIES	272
DYNASCIENCE CORPORATION	278
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112, 112A, 112B
FRANKLIN LABORATORIES, INC.	112, 112A, 112B
FROMM LABORATORIES, INC.	195, 195A
INTERNATIONAL, INC.	188



	LICENSE NUMBER
INTERSTATE BIOLOGIC CORP.	269
JENSEN-SALSBERY LABORATORIES	107
JOHNSON & JOHNSON	264, 264A
LONG ISLAND DUCK RESEARCH COOPERATIVE, INC.	268
MAINE BIOLOGICAL LABORATORIES, INC.	240
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3
MERCK SHARP & DOHME INTERNATIONAL	3
METROPOLITAN MEDICAL COMPANY	188
MICROBIOLOGICAL ASSOCIATES	278
MILES LABORATORIES, INC.	270
MILES VETERINARY DIVISION	270
MOGUL CORPORATION, THE	245, 245A
MYZON LABORATORIES, INC.	213
NATION, INC.	227
NORDEN LABORATORIES	189
PHILIPS ROXANE, INC.	124
PITMAN-MUORE, INC.	264, 264A
PROFESSIONAL BIOLOGICAL COMPANY	188
RICHARDSON-MERRELL, INC.	107
ROLYNN LABORATORIES, INC.	266
SALSBURY LABORATORIES	195, 195A
SCHERAMEX (MEXICO)	165
SCHERING CORPORATION	165
SCHERING LIMITED (CANADA)	165

	LICENSE NUMBER
SCHERING-PLOUGH INTERNATIONAL DIVISION	165
SCIENTIFIC LABORATORIES, INC.	188
SMITHKLINE ANIMAL HEALTH PRODUCTS	189
SMITHKLINE CORPORATION	189
SOUTHWESTERN LABORATORIES, INC.	213
STERLING DRUG, INC.	226, 226A
STERWIN LABORATORIES, INC.	226, 226A
SYNTEX AGRIBUSINESS, INC.	213
TAVOLEK, INC.	264, 264A
TRANS WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED ANIMAL SCIENCE	245, 245A
UNIVERSAL LABORATORIES, INC.	188
VINELAND LABORATORIES, INC.	196
WELLCOME VACCINES DIVISION	115
WHITMOYER LABORATORIES, INC.	225
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED	112, 112A, 112B
WYETH VETERINARY PRODUCTS, INC.	112, 112A, 112B

NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE  
NUMBER

MERCK & COMPANY, INC.	3
DIVISIONS:	
MERCK CHEMICAL DIVISION	
MERCK SHARP & DUHME INTERNATIONAL	
MAIL: MERCK SHARP & DUHME	
DIVISION OF MERCK & CO., INC.	
WEST POINT, PENNSYLVANIA 19486	
CUTTER LABORATORIES, INC.	52
DIVISION:	
BAYVET	
MAIL: BAYVET DIVISION	
CUTTER LABORATORIES, INC.	
P. O. BOX 390	
SHAWNEE MISSION, KANSAS 66201	
RICHARDSON-MERRELL, INC.	107
DIVISIONS:	
JENSEN-SALSBERY LABORATORIES	
MAIL: JENSEN-SALSBERY LABORATORIES	
P. O. BOX 167	
KANSAS CITY, MISSOURI 64141	
AMERICAN HOME PRODUCTS CORPORATION	112
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL: FORT DODGE LABORATORIES, INC.	
800 FIFTH STREET N.W.	
FORT DODGE, IOWA 50501	
AMERICAN HOME PRODUCTS CORPORATION	112A
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL: FRANKLIN LABORATORIES, INC.	
P.O. BOX 669	
AMARILLO, TEXAS 79105	

AMERICAN HOME PRODUCTS CORPORATION SUBSIDIARIES: FORI DODGE LABORATORIES, INC. FRANKLIN LABORATORIES, INC. WYETH INTERNATIONAL LIMITED WYETH VETERINARY PRODUCTS, INC. MAIL: WYETH LABORATORIES, INC. WASP & BIDDLE STREETS MARIETTA, PENNSYLVANIA 17547	1128
BURROUGHS WELLCOME CO. DIVISION: WELLCOME VACCINES DIVISION MAIL: WELLCOME VACCINES DIVISION BURROUGHS WELLCOME CO. 5030 YORK STREET DENVER, COLORADO 80216	115
PHILIPS ROXANE, INC. SUBSIDIARIES: AG-VET BIO'S, INC. APEX LABORATORIES INC. BIO VAC., INC. DIVISIONS: ANCHOR LABORATORIES, INC. BIO-CEUTIC LABORATORIES, INC. MAIL: 2621 NORTH BELT HIGHWAY ST. JOSEPH, MISSOURI 64502	124
SCHERING CORPORATION DIVISIONS: AMERICAN SCIENTIFIC LABORATORIES SCHERAMEX (MEXICO) SCHERING LIMITED (CANADA) SCHERING-PLUGH INTERNATIONAL DIVISION MAIL: AMERICAN SCIENTIFIC LABORATORIES SCHERING CORPORATION P.O. BOX 7130 MADISON, WISCONSIN 53707	165

<p>COLORADO SERUM COMPANY</p> <p>SUBSIDIARIES:</p> <p>AMERICANA LABORATORIES, INC.</p> <p>CONTINENTAL PHARMACAL COMPANY</p> <p>DENVER COLORADO LABORATORIES, INC.</p> <p>EMPIRE VETERINARY COMPANY</p> <p>INTERNATIONAL, INC.</p> <p>METROPOLITAN MEDICAL COMPANY</p> <p>PROFESSIONAL BIOLOGICAL COMPANY</p> <p>SCIENTIFIC LABORATORIES, INC.</p> <p>UNIVERSAL LABORATORIES, INC.</p> <p>MAIL: 4950 YORK STREET</p> <p>DENVER, COLORADO 80216</p>	188
<p>SMITHKLINE CORPORATION</p> <p>SUBSIDIARY:</p> <p>NORDEN LABORATORIES</p> <p>DIVISION:</p> <p>SMITHKLINE ANIMAL HEALTH PRODUCTS</p> <p>MAIL: NORDEN LABORATORIES</p> <p>P.O. BOX 80809</p> <p>LINCOLN, NEBRASKA 68501</p>	189
<p>SALSBURY LABORATORIES</p> <p>SUBSIDIARY:</p> <p>FROMM LABORATORIES, INC.</p> <p>MAIL: 2000 ROCKFORD ROAD</p> <p>CHARLES CITY, IOWA 50616</p>	195
<p>SALSBURY LABORATORIES</p> <p>SUBSIDIARY:</p> <p>FROMM LABORATORIES, INC.</p> <p>MAIL: FROMM LABORATORIES, INC.</p> <p>703 LAKE SHORE ROAD</p> <p>GRAFTON, WISCONSIN 53024</p>	195A
<p>DAMON CORPORATION</p> <p>DIVISION:</p> <p>VINELAND LABORATORIES, INC.</p> <p>MAIL: 2285 EAST LANDIS AVENUE</p> <p>VINELAND, NEW JERSEY 08360</p>	196

SYNTEX AGRIBUSINESS, INC.	213
SUBSIDIARIES:	
DIAMOND LABORATORIES, INC.	
MYZON LABORATORIES, INC.	
SOUTHWESTERN LABORATORIES, INC.	
TRANS WORLD LABORATORIES, INC.	
MAIL: P. O. BOX 863	
DES MOINES, IOWA 50304	
 BEECHAM, INC.	 225
SUBSIDIARY:	
WHITMOYER LABORATORIES, INC.	
DIVISION:	
BEECHAM LABORATORIES	
MAIL: BEECHAM LABORATORIES	
P. O. BOX 221	
WHITE HALL, ILLINOIS 62092	
 STERLING DRUG, INC.	 226
SUBSIDIARY:	
STERWIN LABORATORIES, INC.	
MAIL: P. O. BOX 537	
MILLSBORO, DELAWARE 19966	
 STERLING DRUG, INC.	 226A
SUBSIDIARY:	
STERWIN LABORATORIES, INC.	
MAIL: P. O. BOX 999	
OPELIKA, ALABAMA 36801	
 BANDY LABORATORIES	 227
SUBSIDIARIES:	
AMATEX LABORATORIES, INC.	
BI VET LABORATORIES, INC.	
NATION, INC.	
MAIL: P. O. BOX 727	
TEMPLE, TEXAS 76501	

MAINE BIOLOGICAL LABORATORIES, INC. SUBSIDIARY: BIOLOGICS PRODUCTION, INC. MAIL: P. O. BOX 255 WATERVILLE, MAINE 04901	240
ABBOTT LABORATORIES MAIL: ABBOTT BIOLOGICAL LABORATORIES P. O. BOX 6 BERLIN, MARYLAND 21811	243
ABBOTT LABORATORIES MAIL: ABBOTT BIOLOGICAL LABORATORIES 12300 SANTA FE DRIVE LENEXA, KANSAS 66215	243A
MOGUL CORPORATION, THE DIVISIONS: BIOLOGICAL SPECIALTIES UNITED ANIMAL SCIENCE MAIL: 7819 AIRPORT ROAD MIDDLETON, WISCONSIN 53562	245
MOGUL CORPORATION, THE DIVISIONS: BIOLOGICAL SPECIALTIES UNITED ANIMAL SCIENCE MAIL: 255 ELLIOTT STREET COUNCIL BLUFFS, IOWA 51501	245A
CHROMALLOY PHARMACEUTICAL, INC. DIVISIONS: BURNS-BIOTEC LABORATORIES BRAULEY PRODUCTS COMPANY CHROMALLOY ANIMAL HEALTH MAIL: BURNS-BIOTEC LABORATORIES DIVISION CHROMALLOY PHARMACEUTICAL, INC. P. O. BOX 3113 OMAHA, NEBRASKA 68103	251



ALCON LABORATORIES, INC. SUBSIDIARY: CENTER LABORATORIES, INC. MAIL: P. O. BOX 1959 FORT WORTH, TEXAS 76101	259
JOHNSON & JOHNSON SUBSIDIARIES: PITMAN-MOORE, INC. TAVULEX, INC. MAIL: PITMAN-MOORE, INC. P. O. BOX 344 WASHINGTON CROSSING, NEW JERSEY 08560	264
JOHNSON & JOHNSON SUBSIDIARIES: PITMAN-MOORE, INC. TAVULEX, INC. MAIL: TAVULEX, INC. P. O. BOX 184 TITUSVILLE, NEW JERSEY 08560	264A
DOUGLAS INDUSTRIES, INC. SUBSIDIARIES: ACME LABORATORIES, INC. DOUGLAS LABORATORIES, INC. DOUGLAS VETERINARY PRODUCTS, INC. ROLYNN LABORATORIES, INC. MAIL: 8906 ROSEHILL ROAD LENEXA, KANSAS 66215	266
LONG ISLAND DUCK RESEARCH COOPERATIVE, INC. MAIL: OLD COUNTRY ROAD P. O. BOX 217 EASTPORT, NEW YORK 11941	268
ARRI HIO CORP. SUBSIDIARY: INTERSTATE BIOLOGIC CORP. MAIL: P. O. BOX 260 ITHACA, NEW YORK 14850	269

MILES LABORATORIES, INC. DIVISIONS: DOME LABORATORIES MILES VETERINARY DIVISION MAIL: DOME LABORATORIES 400 MORGAN LANE WEST HAVEN, CONNECTICUT 06516	270
DEKALB AG RESEARCH, INC. MAIL: SYCAMORE ROAD DEKALB, ILLINDIS 60115	271
BIOLOGICS CORPORATION DIVISIONS: AGRI-MART DIVISION CUSTOM BIOLOGICS, INC. DELLEN LABORATORIES, INC. DURVET LABORATORIES MAIL: DELLEN LABORATORIES, INC. DIVISION OF BIOLOGICS CORPORATION 8445 LAKE STREET OMAHA, NEBRASKA 68134	272
TRI-BIO LABORATORIES, INC. MAIL: 1400 FOX HILL ROAD STATE COLLEGE, PENNSYLVANIA 16801	275
WILDLIFE VACCINES, INC. MAIL: 11475 W. 48TH AVENUE WHEAT RIDGE, CO. 80033	277
DYNASCIENCE CORPORATION DIVISION: MICROBIOLOGICAL ASSOCIATES MAIL: MICROBIOLOGICAL ASSOCIATES BIGGS FORD ROAD WALKERSVILLE, MARYLAND 21793	278

## LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

## VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>ANAPLASMOSIS VACCINE</u>		
1005.50	KILLED BOVINE ORIGIN	112
<u>ANTHRAX SPORE VACCINE</u>		
1011.00	NONENCAPSULATED LIVE CULTURE	52, 107, 188
<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>		
1051.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196
1051.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN LYOPHILIZED	196, 226, 243, 269
1055.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
<u>BLUETONGUE VACCINE</u>		
1061.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3, 52, 107, 112, 112A, 124, 188, 213, 225, 243A, 251, 264

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
CONTINUED		
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 225
1101.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1101.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
<u>BOVINE RHINOTRACHEITIS- PARAINFLUENZA 3 VACCINE</u>		
1121.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 112, 188, 213, 225, 243A, 251, 264
1121.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	264
1121.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1121.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
1121.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	52
1125.00	KILLED VIRUS TISSUE CULTURE ORIGIN	112
<u>BOVINE RHINOTRACHEITIS- VIRUS DIARRHEA VACCINE</u>		
1151.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188, 213, 243A, 264
1151.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272

## CONTINUED

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE

1151.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107, 124, 189
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE

1171.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124, 188, 213, 243A, 264
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1171.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272
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1171.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	124, 189
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BOVINE VIRUS DIARRHEA VACCINE

1201.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	112, 124, 188, 189, 213, 243A, 251, 264
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1201.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 272
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BRONCHITIS VACCINE

1231.11	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240
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1231.12	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196, 226, 240, 243
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1231.14	MASS & CONV TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	243
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CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CONTINUED</u> <u>BRONCHITIS VACCINE</u>	
1231.17	MASS & CUNN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165
1231.18	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196
	<u>BRUCELLA ABORTUS VACCINE</u>	
1251.00	STRAIN 19 LIVE CULTURE	52, 107, 188
	<u>BURSAL DISEASE VACCINE</u>	
1271.00	LIVE VIRUS TISSUE CULTURE ORIGIN	269
1271.01	LIVE VIRUS TISSUE CULTURE ORIGIN	269
1271.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
1271.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
	<u>BURSAL DISEASE-MAREK'S DISEASE VACCINE</u>	
1288.40	MODIFIED LIVE VIRUS LIVE TURKEY HERPESVIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN CELL ASSOCIATED COMBINATION PACKAGE	226
1288.41	MODIFIED LIVE VIRUS LIVE TURKEY HERPESVIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN CELL FREE COMBINATION PACKAGE	226

CANINE ADENOVIRUS TYPE 2  
VACCINE

1291.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE ADENOVIRUS TYPE 2-  
PARAINFLUENZA VACCINE

1291.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE DISTEMPER VACCINE

1301.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 195A, 225, 251
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1301.09	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN FERRET VIRULENT	195A
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1301.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 189, 264, 272
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1301.59	MODIFIED LIVE VIRUS FERRET ORIGIN FERRET VIRULENT	195A
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CANINE DISTEMPER-ADENOVIRUS  
TYPE 2 VACCINE

13A1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE DISTEMPER-ADENOVIRUS  
TYPE 2-PARAINFLUENZA VACCINE

13C1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE DISTEMPER-HEPATITIS  
VACCINE

1311.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 112, 195A, 213, 225, 243A, 251
1311.09	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN FERRET VIRULENT	195A
1311.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 124, 189, 213, 227, 245, 264, 272
1311.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	227
1311.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN	188

CANINE DISTEMPER-MEASLES  
VACCINE

1351.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE HEPATITIS VACCINE

1361.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
1361.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189

CANINE DISTEMPER-HEPATITIS-  
PARAINFLUENZA VACCINE

1381.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
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## CONTINUED

CANINE DISTEMPER-HEPATITIS-  
PARAINFLUENZA VACCINE

1381.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 124, 189, 264, 272
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CANINE HOOKWORM VACCINE

1411.00	MODIFIED LIVE LARVAE CANINE ORIGIN	107
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CANINE PARAINFLUENZA VACCINE

1421.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
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1421.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189, 264, 272
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COCCIDIOSIS VACCINE

1431.50	LIVE OOCYSTS CHICKEN ORIGIN	226A
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DISTEMPER VACCINE -  
MINK

1451.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165, 245
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1451.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165, 245
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1451.02	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165
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DUCK VIRUS ENTERITIS VACCINE

1461.10	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	268
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## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

DUCK VIRUS HEPATITIS VACCINE

1481.10	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	268
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ENCEPHALOMYELITIS VACCINE

1475.00	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN	52, 107, 112, 188, 189, 227
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1475.01	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN	112
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1481.00	VENEZUELAN MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 189
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1485.33	EASTERN WESTERN VENEZUELAN KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107
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EQUINE INFLUENZA VACCINE

1505.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN AQUEOUS	112, 189
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1505.11	KILLED VIRUS CHICKEN EMBRYO ORIGIN EMULSIFIED	52, 112
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EQUINE RHINOPNEUMONITIS  
VACCINE

1521.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189
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CONTINUED  
EQUINE RHINOPNEUMONITIS  
VACCINE

1521.50	LIVE VIRUS HAMSTER ORIGIN	112
1525.20	KILLED VIRUS CELL LINE ORIGIN	112

ERYSIPLOTHRIA RHUSIOPATHIAE  
VACCINE

1541.00	AVIRULENT LIVE CULTURE	52, 112, 124, 189
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FELINE PANLEUKOPENIA VACCINE

1561.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A, 213, 225, 264
1561.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN LIQUID	225
1561.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1561.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN LIQUID	272
1565.00	KILLED VIRUS TISSUE CULTURE ORIGIN	107, 112, 195A, 225, 243A, 251, 264
1565.20	KILLED VIRUS CELL LINE ORIGIN	112, 189, 266, 272
1565.50	KILLED VIRUS FELINE ORIGIN	112, 227

FELINE PANLEUKOPENIA-RABIES  
VACCINE

1575.80	CELL LINE AND MURINE ORIGIN	266
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FELINE PNEUMONITIS VACCINE

1-881.14	MODIFIED LIVE CHLAMYDIA CHICKEN EMBRYO ORIGIN	1954
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FELINE RHINOTRACHEITIS VACCINE

1-41.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	1954, 225
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1-41.24	MODIFIED LIVE VIRUS CELL LINE ORIGIN	254
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FELINE RHINOTRACHEITIS-  
PANLEUKOPENIA VACCINE

1-55.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	225
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1-55.00	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	225
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1-55.30	MODIFIED LIVE AND KILLED VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	254
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FELINE RHINOTRACHEITIS-CALICI  
VACCINE

1-61.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	1954
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1-61.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 264, 272
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## CONTINUED

FELINE RHINOTRACHEITIS-CALICI  
VACCINE

16C1.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	225
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FELINE RHINOTRACHEITIS-CALICI-  
PANLEUKOPENIA VACCINE

16D1.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
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16D1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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16D1.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	264
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16D8.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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16D8.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	225
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16D9.20	MODIFIED LIVE AND KILLED VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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16D9.30	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	225, 264
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FELINE RHINOTRACHEITIS-CALICI-  
PANLEUKOPENIA-PNEUMONITIS  
VACCINE

16E1.40	MODIFIED LIVE VIRUS AND CHLAMYDIA TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	195A
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FELINE RHINOTRACHEITIS-CALICI-  
PNEUMONITIS VACCINE

16F1.40	MODIFIED LIVE VIRUS AND CHLAMYDIA TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	195A
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FOWL LARYNGOTRACHEITIS VACCINE

1601.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165
1601.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 243
1601.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 243
1601.12	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165

FOWL POX VACCINE

1621.00	LIVE VIRUS TISSUE CULTURE ORIGIN	165, 196, 243, 269
1621.01	LIVE VIRUS TISSUE CULTURE ORIGIN	269
1621.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 243
1621.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195

FOX ENCEPHALITIS VACCINE

1635.20	KILLED VIRUS CELL LINE ORIGIN	245A
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MAREK'S DISEASE VACCINE

1641.00	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL ASSOCIATED	3, 195, 196, 226, 269, 271, 275
1641.01	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE	3, 165, 195, 196, 226, 243, 269, 271, 275
1641.02	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE FROZEN	195
1641.03	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL ASSOCIATED	3

MEASLES VACCINE

1661.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124, 213
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MINK ENTERITIS VACCINE

1685.00	KILLED VIRUS TISSUE CULTURE ORIGIN	245
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NEWCASTLE DISEASE VACCINE

1705.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
1711.10	B1 TYPE B1 STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
1721.10	B1 TYPE LASOTA STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243

NEWCASTLE DISEASE-AVIAN  
ENCEPHALOMYELITIS VACCINE

1745.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
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NEWCASTLE-BRUNCHITIS VACCINE

1761.1A	B1 TYPE B1 STRAIN MASS & JMK TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
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1761.11	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
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1761.12	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 240, 243
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1761.13	B1 TYPE B1 STRAIN CONN TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195
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1761.14	B1 TYPE B1 STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 226
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1761.15	B1 TYPE B1 STRAIN MASS & JMK TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165
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## CONTINUED

NEWCASTLE-BRONCHITIS VACCINE

1761.17	BI TYPE BI STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 243
1761.18	BI TYPE BI STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196, 226
1761.19	BI TYPE BI STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	226, 243
1771.11	BI TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 240
1771.12	BI TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 243
1771.14	BI TYPE LASOTA STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
1771.17	BI TYPE LASOTA STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 243

## CONTINUED

NEWCASTLE-BRONCHITIS VACCINE

1771.18	BI TYPE	196, 226
	LASOTA STRAIN	
	MASS TYPE	
	LIVE VIRUS	
	CHICKEN EMBRYO ORIGIN	

1771.19	BI TYPE	226, 243
	LASOTA STRAIN	
	MASS TYPE	
	LIVE VIRUS	
	CHICKEN EMBRYO ORIGIN	

OVINE ECTHYMA VACCINE

1821.00	LIVE VIRUS	188
	TISSUE CULTURE ORIGIN	

1821.50	LIVE VIRUS	52, 112A
	OVINE ORIGIN	

PARAINFLUENZA 3 VACCINE

1841.00	MODIFIED LIVE VIRUS	107, 188, 225
	TISSUE CULTURE ORIGIN	

PASTEURELLA MULTOCIDA VACCINE

1871.01	AVIRULENT LIVE CULTURE	165
	AVIAN ISOLATE	

1871.05	AVIRULENT LIVE CULTURE	196
	AVIAN ISOLATE	

PIGEON POX VACCINE

1881.10	LIVE VIRUS	165, 196, 226, 243
	CHICKEN EMBRYO ORIGIN	

CONTINUED  
PIGEON POX VACCINE

1881.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN PIGEONS ONLY	196
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PSEUDORABIES VACCINE

1891.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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1895.00	KILLED VIRUS TISSUE CULTURE ORIGIN	195
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RABIES VACCINE

1901.03	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN HIGH CELL PASSAGE SAD STRAIN	107, 124, 264
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1901.05	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN HIGH CELL PASSAGE SAD STRAIN	124
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1901.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN LOW EGG PASSAGE FLURY STRAIN	195A
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1901.22	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH EGG PASSAGE FLURY STRAIN	189
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1901.23	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH CELL PASSAGE SAD STRAIN	107
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1901.24	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH CELL PASSAGE KISSLING STRAIN	225
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CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CONTINUED</u>	
	<u>RABIES VACCINE</u>	
1905.00	KILLED VIRUS TISSUE CULTURE ORIGIN	107
1905.20	KILLED VIRUS CELL LINE ORIGIN	225
1905.50	KILLED VIRUS CAPRINE ORIGIN	227
1905.51	KILLED VIRUS MURINE ORIGIN	266
1905.55	KILLED VIRUS MURINE ORIGIN	266
	<u>REO-VIRAL CALF DIARRHEA VACCINE</u>	
1921.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
	<u>REO-CORONA VIRAL CALF DIARRHEA VACCINE</u>	
1931.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
	<u>SENDAI VACCINE</u>	
19M5.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	278
	<u>STREPTOCOCCUS GROUP E VACCINE</u>	
1941.00	AVIRULENT LIVE CULTURE	112
	<u>TENOSYNOVITIS VACCINE</u>	
1951.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	226

TRANSMISSIBLE GASTROENTERITIS  
VACCINE

1961.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	213
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WART VACCINE

1985.50	KILLED VIRUS BOVINE ORIGIN	52, 112, 112A, 124, 188, 189, 213, 243A, 251
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## BACTERINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
	<u>AUTOGENOUS BACTERIN</u>				
2051.00	AVIAN ISOLATES AQUEOUS	112, 226A	188,	195,	196,
2051.01	BOVINE ISOLATES AQUEOUS	112, 225	188,	195,	213,
2051.02	PORCINE ISOLATES AQUEOUS	112, 225	188,	195,	213,
2051.03	OTHER SPECIES ISOLATES AQUEOUS	112, 225,	188, 245	195,	213,
2051.10	AVIAN ISOLATES EMULSIFIED	195,	196,	226A,	240
	<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>				
2100.00		251,	264		
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>				
2401.00		52, 124, 243A,	107, 188,	112A, 213,	115, 225,
2401.01		124			
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- LEPTOSPIRA POMONA BACTERIN</u>				
2408.00		107,	124		
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN</u>				
2460.00		52, 188,	107, 213,	112A, 225,	124, 272

2461.00	<u>CLOSTRIDIUM CHAUVUEI-SEPTICUM- PASTEURELLA MULTOCIDA BACTERIN</u>	188,	243A		
2465.00	<u>CLOSTRIDIUM HAEMOLYTICA BACTERIN</u>	52, 124	107,	112A,	115,
2465.01		107,	213		
2633.00	<u>CORYNEBACTERIUM PYOGENES- PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN</u>	52, 225	112,	112A,	213,
2635.00	<u>CORYNEBACTERIUM PYOGENES- PASTEURELLA MULTOCIDA- SALMONELLA CHOLERAESUIS BACTERIN</u>	112,	213,	225	
2638.00	<u>ENTERIC REDMOUTH BACTERIN</u>	264,	277		
2641.00	<u>ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>	52, 124, 196, 251,	107, 188, 213, 264,	112, 195, 225, 272	112A, 195A, 243A,
2641.01		188,	213		
2645.03	<u>ERYSIPELOTHRIX RHUSIOPATHIAE- PASTEURELLA MULTOCIDA BACTERIN</u>	196			

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

ESCHERICHIA COLI-PASTEURELLA  
MULTOCIDA-SALMONELLA  
CHOLERAESUIS BACTERIN

2650.00      PORCINE ISOLATES      112, 213, 225

ESCHERICHIA COLI-PASTEURELLA  
HAEMOLYTICA-MULTOCIDA-  
SALMONELLA TYPHIMURIUM  
BACTERIN

2651.00      BOVINE ISOLATES      112, 213, 225

HAEMOPHILUS GALLINARUM  
BACTERIN

2658.00      195

HAEMOPHILUS SUMNUS BACTERIN

2659.00      124

LEPTOSPIRA CANICOLA BACTERIN

2661.00      188

LEPTOSPIRA CANICOLA-  
GRIPPOTYPHOSA-HARDJO-  
ICTEROHAEMORRHAGIAE-PUMONA  
BACTERIN

2665.00      124, 188, 189, 225,  
272

LEPTOSPIRA CANICOLA-  
ICTEROHAEMORRHAGIAE BACTERIN

2671.00      52, 107, 112, 124,  
188, 189, 195A, 213,  
225, 227, 243A, 245A,  
251, 264, 272

## CONTINUED

LEPTOSPIRA CANICOLA-  
ICTERHAEMORRHAGIAE BACTERIN

2671.01		189,	225,	272
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LEPTOSPIRA CANICOLA-  
ICTERHAEMORRHAGIAE-PUMONA  
BACTERIN

2673.00		189,	213,	272
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LEPTOSPIRA GRIPPOTYPHOSA  
BACTERIN

2675.00		188		
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LEPTOSPIRA GRIPPOTYPHOSA-  
HARDJO-PUMONA BACTERIN

2681.00		124,	188,	189,	225,
		272			

LEPTOSPIRA HARDJO-PUMONA  
BACTERIN

2688.00		189			
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LEPTOSPIRA PUMONA BACTERIN

2691.00		3,	52,	107,	112,
		112A,	124,	188,	189,
		195,	195A,	213,	225,
		243A,	251,	264,	272

2691.01		188			
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LEPTOSPIRA PUMONA-PASTEURELLA  
HAEMOLYTICA-MULTOCIDA BACTERIN

2695.00	BOVINE ISOLATES	124			
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PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

2700.00	BOVINE ISOLATES	52,	107,	112,	124,
		188,	213,	225,	243A,
		251,	264,	272	

PASTEURELLA MULTOCIDA BACTERIN

2701.22	BOVINE & PORCINE ISOLATES	188
2701.52	BOVINE & PORCINE ISOLATES	188
2702.01	AVIAN ISOLATES TYPE 1 AQUEOUS	243
2702.03	AVIAN ISOLATES TYPES 1 3 & 4 AQUEOUS	243
2702.12	AVIAN ISOLATES TYPES 1 & 3 EMULSIFIED	240
2702.13	AVIAN ISOLATES TYPES 1 3 & 4 EMULSIFIED	195, 196, 226A, 240

SALMONELLA DUBLIN-TYPHIMURIUM  
BACTERIN

2821.00	BOVINE ISOLATES	52
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2852.00	<u>STAPHYLOCOCCUS AUREUS BACTERIN</u>	124
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2855.00	<u>STREPTOCOCCUS EQUI BACTERIN</u>	112
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2858.02	<u>VIBRIO ANGUILLARUM BACTERIN</u>	264, 264A, 277
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VIBRIO FETUS BACTERIN

2861.00	OVINE ISOLATES AQUEOUS	188
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CONTINUED  
VIBRIO FETUS BACTERIN

2462.00	BOVINE ISOLATES AQUEOUS	52, 112A, 124, 251
2462.10	BOVINE ISOLATES EMULSIFIED	112, 188, 189

VIBRIO FETUS-LEPTOSPIRA POMONA  
BACTERIN

2465.00	BOVINE ISOLATES	52, 112A, 124
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VIBRIO FETUS-LEPTOSPIRA  
GRIPPOTYPHOSA-HARDJO-POMONA  
BACTERIN

2469.00	BOVINE ISOLATES AQUEOUS	124
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# ANTISERUMS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CANINE DISTEMPER-HEPATITIS-</u> <u>LEPTOSPIRA CANICOLA ANTISERUM</u>	
3343.00	CANINE ORIGIN CONCENTRATE	195A
	<u>CORYNEBACTERIUM PYOGENES-</u> <u>ESCHERICHIA COLI-PASTEURELLA</u> <u>MULTOCIDA-SALMONELLA</u> <u>TYPHIMURIUM ANTISERUM</u> <u>CONCENTRATE</u>	
3400.00	BOVINE ISOLATES & ORIGIN	124
	<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA ANTISERUM</u>	
3411.00	BOVINE ISOLATES & ORIGIN	213
3414.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	213
	<u>CORYNEBACTERIUM PYOGENES-</u> <u>PASTEURELLA MULTOCIDA</u> <u>ANTISERUM</u>	
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	188
3504.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN CONCENTRATE	188

DUCK VIRUS HEPATITIS YOLK  
ANTIBODY

3508.00 CHICKEN EGG ORIGIN 268

ERYSIPHELOTHRIX RHUSIOPATHIAE  
ANTISERUM

3511.00 EQUINE ORIGIN 188, 213

3514.00 EQUINE ORIGIN 124  
CONCENTRATE

ESCHERICHIA COLI-PASTEURELLA  
MULTOCIDA-SALMONELLA  
TYPHIMURIUM ANTISERUM

3531.00 BOVINE ISOLATES & ORIGIN 112, 188, 251

FELINE PANLEUKOPENIA ANTISERUM

3551.00 112

NORMAL SERUM

3602.00 EQUINE ORIGIN 188

3603.00 FELINE ORIGIN 188, 195A

PASTEURELLA MULTOCIDA  
ANTISERUM

3701.00 BOVINE ISOLATES 251  
BOVINE ORIGIN

3701.02 BOVINE & PORCINE ISOLATES 188  
BOVINE ORIGIN



# VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
	<u>BOVINE RHINOTRACHEITIS</u> <u>VACCINE -</u> <u>LEPTOSPIRA CANICOLA-</u> <u>ICTERUS HAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>				
4029.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			
	<u>BOVINE RHINOTRACHEITIS</u> <u>VACCINE -</u> <u>LEPTOSPIRA GRIPPOTYPHOSA-</u> <u>HARDJO-POMONA BACTERIN</u>				
4059.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189			
	<u>BOVINE RHINOTRACHEITIS</u> <u>VACCINE -</u> <u>LEPTOSPIRA POMONA BACTERIN</u>				
4081.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3			
4089.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	52, 124, 243A,	107, 188, 251,	112, 213, 264	112A, 225,
4089.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124,	189,	272	
	<u>BOVINE RHINOTRACHEITIS</u> <u>VACCINE -</u> <u>LEPTOSPIRA POMONA-PASTEURILLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
4119.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124			

BOVINE RHINOTRACHEITIS -  
PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA CANICOLA -  
ICTEROHAE MORRHAGIAE - PUMONA  
BACTERIN

4149.20      MODIFIED LIVE VIRUS      272  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS -  
PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA GRIPPOTYPHOSA -  
HARDJO - PUMONA BACTERIN

4179.20      MODIFIED LIVE VIRUS      189, 272  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS -  
PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA PUMONA BACTERIN

4209.00      MODIFIED LIVE VIRUS      112, 188, 213  
 TISSUE CULTURE ORIGIN  
 COMBINATION PACKAGE

4209.20      MODIFIED LIVE VIRUS      189, 272  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

4209.30      MODIFIED LIVE VIRUS      52  
 TISSUE CULTURE AND  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS -  
PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA PUMONA - PASTEURILLA  
HAEMOLYTICA - MULTOCIDA BACTERIN

4239.20      MODIFIED LIVE VIRUS      124  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

BOVINE RHINOTRACHEITIS-  
PARAINFLUENZA 3 VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTICIDA BACTERIN

4265.00	KILLED VIRUS TISSUE CULTURE ORIGIN	112, 124
4269.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	213, 243A, 251, 264
4269.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272

BOVINE RHINOTRACHEITIS  
VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTICIDA BACTERIN

4299.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA CANICOLA-  
ICTERHAEMORRHAGIAE-POMONA  
BACTERIN

4329.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA GRIPPOTYPHOSA-  
HARDJO-POMONA BACTERIN

4359.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	159
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA POMONA BACTERIN

4389.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 213, 2243A
4389.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
4389.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	107, 189

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA POMONA-PASTEURELLA  
HAEMOLYTICA-MULTOCIDA BACTERIN

4419.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	124
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

4429.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA CANICOLA-  
GRIPPOTYPHUSA-HARDJO-  
ICTEROHAEMORRHAGIAE-PUMONA  
BACTERIN

4439.30      MODIFIED LIVE VIRUS      189  
CELL LINE AND  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA CANICOLA-  
ICTEROHAEMORRHAGIAE-PUMONA  
BACTERIN

4449.20      MODIFIED LIVE VIRUS      272  
CELL LINE ORIGIN  
COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA GRIPPOTYPHUSA-  
HARDJO-PUMONA BACTERIN

4479.20      MODIFIED LIVE VIRUS      272  
CELL LINE ORIGIN  
COMBINATION PACKAGE

4479.30      MODIFIED LIVE VIRUS      189  
CELL LINE AND  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA PUMONA BACTERIN

4509.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 213
4509.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
4509.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189

BOVINE RHINOTRACHEITIS-VIRUS  
DIARRHEA-PARAINFLUENZA 3  
VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

4539.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	213, 243A, 264
4539.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272

BOVINE VIRUS DIARRHEA  
VACCINE -  
LEPTOSPIRA PUMONA BACTERIN

4599.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188, 189
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## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

CONTINUEDBOVINE VIRUS DIARRHEAVACCINE -LEPTOSPIRA POMONA BACTERIN

4599.20

MODIFIED LIVE VIRUS  
CELL LINE ORIGIN  
COMBINATION PACKAGE

107

CANINE DISTEMPER-ADENOVIRUSTYPE 2 VACCINE -LEPTOSPIRA BACTERIN

4629.20

MODIFIED LIVE VIRUS  
CELL LINE ORIGIN  
COMBINATION PACKAGE

189

CANINE DISTEMPER-ADENOVIRUSTYPE 2-PARAINFLUENZA VACCINE -LEPTOSPIRA BACTERIN

4659.20

MODIFIED LIVE VIRUS  
CELL LINE ORIGIN  
COMBINATION PACKAGE

189

CANINE DISTEMPER-HEPATITISVACCINE -LEPTOSPIRA BACTERIN

4681.20

MODIFIED LIVE VIRUS  
CELL LINE ORIGIN

272

4685.50

KILLED VIRUS  
CANINE ORIGIN

195A

4689.00

MODIFIED LIVE VIRUS  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE107, 112, 195A, 213,  
225, 243A, 251

4689.20

MODIFIED LIVE VIRUS  
CELL LINE ORIGIN  
COMBINATION PACKAGE107, 124, 189, 227,  
245, 264, 272

CONTINUED  
CANINE DISTEMPER-HEPATITIS  
VACCINE -  
LEPTOSPIRA BACTERIN

4689.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	227
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4689.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188
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CANINE DISTEMPER VACCINE -  
LEPTOSPIRA BACTERIN

4749.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A, 251
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4749.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
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CANINE DISTEMPER-HEPATITIS-  
PARAINFLUENZA VACCINE -  
BORDETELLA BRONCHISEPTICA  
BACTERIN

4789.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	264
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CANINE DISTEMPER-HEPATITIS-  
PARAINFLUENZA VACCINE -  
LEPTOSPIRA BACTERIN

4809.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A
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## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

## CONTINUED

CANINE DISTEMPER-HEPATITIS-  
PARAINFLUENZA VACCINE -  
LEPTOSPIRA BACTERIN

4809.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	107, 124, 189, 264, 272
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ENCEPHALOMYELITIS-INFLUENZA  
VACCINE -  
TETANUS TOXOID

4835.41	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	52
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ENCEPHALOMYELITIS VACCINE -  
TETANUS TOXOID

4865.00	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN	52, 112
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4865.33	EASTERN WESTERN VENEZUELAN KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107
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EQUINE INFLUENZA VACCINE -  
TETANUS TOXOID

4895.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	112
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MINK DISTEMPER-ENTERITIS  
VACCINE -  
CLOSTRIDIUM BOTULINUM TYPE C  
BACTERIN-TOXOID

4429.00	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	165
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MINK ENTERITIS VACCINE -  
CLOSTRIDIUM BOTULINUM TYPE C  
BACTERIN-TOXOID

4455.00	KILLED VIRUS TISSUE CULTURE ORIGIN	165, 245
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PARAINFLUENZA-3 VACCINE -  
LEPTOSPIRA POMONA BACTERIN

4489.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188
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PSEUDORABIES VACCINE -  
LEPTOSPIRA CANICOLA-  
GRIPPOTYPHOSA-HARDJO-  
ICTERUHAEMORRHAGIAE-POMONA  
BACTERIN

4999.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189
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# DIAGNOSTICS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ALEUTIAN DISEASE</u> <u>COUNTERELECTROPHORESIS ANTIGEN</u>	
5005.00	MINK ORIGIN	245
	<u>BRUCELLA ABORTUS ANTIGEN</u>	
5011.00	STAINED ANTIGEN	107
	<u>CANINE BRUCELLOSIS</u> <u>AGGLUTINATION ANTIGEN &amp;</u> <u>REAGENT SERUM</u>	
5021.00	CANINE ORIGIN	264
	<u>LEPTOSPIRA CANICOLA ANTIGEN</u>	
5051.00		112
	<u>LEPTOSPIRA GRIPPOTYPHOSA</u> <u>ANTIGEN</u>	
5053.00		112
	<u>LEPTOSPIRA HARDJO ANTIGEN</u>	
5055.00		112
	<u>LEPTOSPIRA ICTEROHAE MORRHAGIAE</u> <u>ANTIGEN</u>	
5057.00		112
	<u>LEPTOSPIRA POMONA ANTIGEN</u>	
5059.00		112
	<u>MYCOPLASMA GALLISEPTICUM</u> <u>ANTIGEN</u>	
5071.00	S-6 SEROTYPE PLATE	195

MYCOPLASMA MELEAGRIDIS ANTIGEN

5072.00	H-SEROTYPE PLATE	195
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MYCOPLASMA SYNOVIAE ANTIGEN

5073.00	S-SEROTYPE PLATE	195
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PULLORUM ANTIGEN

5206.00	STAINED ANTIGEN K POLYVALENT	195, 196
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5208.00	TUBE	196
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TUBERCULIN

5301.00	MAMMALIAN HUMAN ISOLATES INTRADERMIC	107
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5302.00	PPD BOVIS INTRADERMIC	107
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BOVINE LEUKEMIA GLYCOPROTEIN  
IMMUNODIFFUSION ANTIGEN &  
REAGENT AND REFERENCE SERUMS

5505.20	CELL LINE ORIGIN BOVINE ORIGIN	264
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EQUINE INFECTIOUS ANEMIA  
IMMUNODIFFUSION ANTIGEN &  
REAGENT SERUM

5515.20	CELL LINE ORIGIN EQUINE ORIGIN	264
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# ANTITOXINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ANTIVENIN</u>	
6101.00	(CROTALIDAE) POLYVALENT EQUINE ORIGIN	1128
	<u>CLOSTRIDIUM PERFRINGENS TYPE D ANTITOXIN</u>	
6201.00		188
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN</u>	
6211.00		188, 251
	<u>CLOSTRIDIUM PERFRINGENS TYPES C &amp; D ANTITOXIN</u>	
6220.00	BOVINE ORIGIN	213
6221.00	EQUINE ORIGIN	124, 188, 243A, 251
	<u>TETANUS ANTITOXIN</u>	
6302.00	EQUINE ORIGIN	52, 107, 112, 188, 243A, 251

## BACTERIN-TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
7211.00	<u>CLOSTRIDIUM BOTULINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	165, 245
7212.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM</u> <u>BACTERIN-TOXOID</u>	189
7214.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-</u> <u>PERFRINGENS TYPES C &amp; D</u> <u>BACTERIN-TOXOID</u>	107
7215.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI BACTERIN-TOXOID</u>	52, 107, 112A, 115, 124, 188
7215.01		124
7216.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-SORDELLII</u> <u>BACTERIN-TOXOID</u>	52, 107, 112A, 124, 213, 225, 272
7217.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-SORDELLII-PERFRINGENS</u> <u>TYPES C &amp; D BACTERIN-TOXOID</u>	107, 124, 225
7219.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-LEPTOSPIRA POMONA</u> <u>BACTERIN-TOXOID</u>	107, 124

7220.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- NOVYI-SORDELLII-LEPTOSPIRA POMONA BACTERIN-TOXOID</u>	107
7221.00	<u>CLOSTRIDIUM NOVYI BACTERIN-TOXOID</u>	188
7223.00	<u>CLOSTRIDIUM NOVYI-SORDELLII BACTERIN-TOXOID</u>	52
7231.00	<u>CLOSTRIDIUM NOVYI-SORDELLII- PERFRINGENS TYPES C &amp; D BACTERIN-TOXOID</u>	107, 124
7351.00	<u>CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID</u>	112A, 213, 225, 272
7353.00	<u>CLOSTRIDIUM PERFRINGENS TYPE D BACTERIN-TOXOID</u>	52, 112A, 115, 213, 225, 272
7354.00	<u>CLOSTRIDIUM PERFRINGENS TYPES C &amp; D BACTERIN-TOXOID</u>	52, 112, 112A, 115, 213, 225, 272
7401.00	<u>STAPHYLOCOCCUS AUREUS BACTERIN-TOXOID</u>	107

# TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS.	OF PRODUCERS
	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u>		
	<u>TOXOID</u>		
B101.00		52, 251	107, 124, 189,
	<u>CLOSTRIDIUM PERFRINGENS TYPES</u>		
	<u>C &amp; D TOXOID</u>		
B201.00		107,	124, 189
	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u>		
	<u>TOXOID</u>		
B301.00		52, 189	107, 112, 124,
	<u>CLOSTRIDIUM PERFRINGENS TYPE</u>		
	<u>D-TETANUS TOXOID</u>		
B305.00		112	
	<u>TETANUS TOXOID</u>		
B601.00		52, 225	107, 112, 188,



# MISCELLANEOUS PRODUCTS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	52
	<u>ALLERGENIC EXTRACT</u>	
9521.00	HOUSE DUST	259, 270
9522.01	MIXED RAGWEED	259
9522.02	MIXED TREES	259, 270
9522.03	MIXED GRASSES	259, 270
9522.04	MIXED WEEDS	259, 270
9523.00	MIXED MOLDS	259, 270
9524.00	MIXED INHALANTS	259
9525.00	FLEA ANTIGEN	259
9527.00	MIXED EPIDERMALS	259, 270
9528.00	MIXED INSECTS	259
9531.00	PRESCRIPTION PRODUCT	259
9532.00	INTRADERMAL-TEST KIT	259









